Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effectiv November 10, 1998RECT AVAII **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN TYPE [SMALL ENTITY (Column 1) (Column 2) OR FOR NUMBER EXTRA NUMBER FILED FEE RATE RATE FEE BASIC FEE 380.00 OR minus 20= **TOTAL CLAIMS** X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X39= X78= OR MULTIPLE DEPENDENT CLAIM PRESENT +260= +130= OR * If the difference in column 1 is less than zero, enter "0" in column 2 OR TOTAL TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN **SMALL ENTITY** SMALL ENTITY OR (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL RATE RATE AFTER **PREVIOUSLY** EXTRA **AMENDMENT** FEE FEE PAID FOR Total " Minus X\$18= X\$ 9= OR Independent Minus X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT** TIONAL TIONAL RATE RATE AFTER **PREVIOUSLY EXTRA AMENDMENT PAID FOR** FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus *** X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE

	· .	(Column 1)		(Column 2)	-(Column 3)	
ENTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
MON	Total	• ·	Minus	••	-	
AME	Independent	•	Minus	***	=	
A	FIRST PRESE	ENTATION OF M	ULTIPLE D	EPENDENT CLAIM	1	

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

I	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	X\$ 9=	** : *40 %	OR	X\$18=	
	X39=		OR	X78=	
	+130=		OR	+260=	*
•	TOTAL ADDIT, FEE		OR	TOTAL ADDIT, FEE	da "

AMENDMENT

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AMENDMENT

		CLAIMS AS	S FILED - I column 1)		mn 2)	SMALL		00	OTHER	THAN
FC)R		R FILED	NUMBER		RATE	FEE	OR 1	SMALL	ENTITY
BA	SIC FEE			in a series of the series of t		N 480 180	345.00	1	RATE	FEE
		1-97-1-8				6,1	345.00	OR	能類就	690.00
TC	TAL CLAIMS		minus 2	0= •		X\$ 9=		OR	X\$18≃	
	EPENDENT CLA		minus (3 = '		X39=		OR	X78=	
MU	ILTIPLE DEPEND	DENT CLAIM PI	RESENT			+130=		OR	+260=	
• [[the difference in	n column 1 is	less than zei	ro, enter "0" in c	column 2	TOTAL		OR	TOTAL	
b	CL	AIMS AS A (Column 1)	MENDED	(Column 2)	(Column 3)	SMALL	ENTITY	OR	OTHER SMALL I	
AMENDMENT-A-		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
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AME	Independent •	TATION OF MI	Minus	ENDENT CLAIM	=	X39=		OR	X78=	\
	PHST PHESEN	TATION OF INI	JETIPLE DEP	ENDENT CLAIM		+130=	1	OR	+260=	
	-					TOTAL ADDIT. FEE		OR.	. TOTAL ADDIT. FEE	10:00
	AF	(Column 1) CLAIMS	Frankolikazi w mina	(Column 2)	(Column 3)					
AMENDMENT B		REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL /FEE		RATE	ADDI- TIONAL FEE
NON	Total •	20	Minus	25	=	X\$ 9=		OR	X\$18=	ì
4ME	Independent	2	Minus	3		X39=		OR	X78=	
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		(Column 1)		(Column 2)	(Column 3)					
0		CDAIMS REMAINING		HIGHEST NUMBER	PRESENT		_ADDI=_			ADDI-
ENT		AFTER AMENDMENT		PREVIOUSLY—	EXTRA	RATE	TIONAL FEE		RATE	TIONAL FEE
MENDMENT	Total •	20	Minus	25		X\$ 9= ·	_ 1 LL	OR	X\$18=	
(MEI	Independent •	2	Minus	··· 3	=	X39€			X78=	
A	FIRST PRESEN	TATION OF M	JLTIPLE DEP	ENDENT CLAIM		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\	OR	∧/o=	1 11 11
		•			-	+130=	zdf ş	OŖ.	+260=	·
••	if the entry in column If the "Highest Num! If the "Highest Num!	ber Previousty Pa	ald For IN THIS	SPACE is less that	n 20. enter "20."	TOTAL ADDIT, FEE	day	OR	TOTAL ADDIT, FEE	
	If the "Highest Numb The "Highest Numb	er Previously Pa	ld For (Total or	Independent) is the	ans, enter 3." highest number		propriate bo			~ 10

FORM PTO-676 (Rev. 12/99)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Application or Docket Number SMALL ENTITY OTHER THAN

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2000

		CLAIMS AS	Golumn		(Colur	mn 2)	SMALL EN	ıπτΥ □□	OR	OTHER SMALL E	THAN ENTITY
TC	TAL CLAIMS						RATE	FEE		RATE	FEE
FO	R		NUMBER F	ILED	NUMBI	ER EXTRA	BASIC FEE	355.00	OR	BASIC FEE	710.00
_	TAL CHARGEA	BLE CLAIMS	min	us 20=			X\$ 9=	•	OR	X\$18=	
IND	EPEKDENT CL	AIMS	mir	nus 3 =	•		X40=		OR	X80=	,
MU	LTIPLE DEPEN	IDENT CLAIM P	RESENT				+135=		OR	+270=	,,
• If	the difference	in column 1 is	less than ze	ro, enter	"0" in c	olumn 2	TOTAL	· 1	OR	TOTAL	•
11		LAIMS AS A					I O I AL		I	OTHER	THAN T
	C	(Column 1)		(Colur		(Column 3)	SMALL	ENTITY	OR	SMALL E	
AMENDMENT	D	CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO PAID	BER DUSLY	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDi- TIONAL FEE
OME	Total	. 20	Minus	á	\$	11	X\$ 9=	-	ÖR	X\$18=	
MEN	Independent	. 2	Minus	***	3	=	X40=		OR	X80=	
	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	ENDENT	CLAIM		+135=		OR	+270=	
							TOTAL			TOTAL ADDIT. FEE	
		(Column 1)		(Colu	mn 21	(Column 3)	ADDIT. FEE			AUUII. FEE	
SNT B		CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO	IEST BER OUSLY	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	•	Minus	**		=	X\$ 9=	4	OR	X\$18=	
MEN	Independent	•	Minus	***		=	X40=		 OR	X80=	
<u> </u>	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	ENDENT	CLAIM	لتلا	+135=		OR	+270=	
							TOTAL ADDIT. FEE			TOTAL ADDIT. FEE	
		(Column 1)		(Colu	mn 2)_	(Column 3)					
ENTC		CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST (BER OUSLY FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total		Minus	**		=	X\$ 9=		OR	X\$18=	
MEN	Independent	•	Minus	***		=	X40=		OR	X80=	
	FIRST PRESE	NTATION OF M	ULTIPLE DEI	PENDEN	T CLAIM		+135=		OR	+270=	
•	If the entry in colu	ımn 1 is less than t	he entry in colu	ımn 2, writ	te "0" in 🕫	olumn 3.	TOTAL		OR	YOTAL	
••	If the "Highest Nu "If the "Highest Nu	mber Previously P mber Previously P	ALC EAST IN TH	IC CDACE	le lace th	an 20, enter "20." an 3, enter "3." a bighest number	ADDIT. FEE	poropriale bo	_	AUD ==	

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

		CLAIMS AS	FILED - (Column			mn 2)		MALL EN	ITITY	OR	OTHER SMALL	
TC	TAL CLAIMS						ſ	RATE	FEE	1	RATE	FEE
FO	R		NUMBER	FILED	NUMB	ER EXTRA		BASIC FEE	370.00	OR	BASIC FEE	740.00
то	TAL CHARGEA	BLE CLAIMS	min	us 20=	*			X\$ 9=		OR	X\$18=	
IND	EPENDENT CL	AIMS	mi	nus 3 =	*			X42=		OR	X84=	
MU	LTJPLE DEPEN	DENT CLAIM PR	RESENT					+140=		OR	+280=	**
* If	the difference	in column 1 is	less than ze	ero, entei	r "0" in c	olumn 2	L	TOTAL		OR	TOTAL	
	C	LAIMS AS A (Column 1)	MENDED	- PAR (Colur		(Column 3)		SMALL E	ENTITY	OR	OTHER SMALL	
AMENDMENT	ا محمد مصنف الحال الرسوسيد	CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO PAID	IEST BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDM	Total	* 20	Minus	** 6	25	=		X\$ 9=		OR	X\$18=	
AME	Independent	* 2	Minus	_	3	=	1	X42=		OR	X84=	•,
	FIMST PHESE	NTATION OF MU	JETIPLE DEF	PENDEN	CLAIM			+140=		OR'	+280=	J.
	•	•					L	TOTAL		OR	TOTAL ADDIT, FEE	
		(Column 1)		(Colui	mn 2)	(Column 3)	_ ^	DDIT. FEE			ADDIT. FEET	
AMENDMENTAL		CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO PAID	BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
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AME	Independent	* 2 NTATION OF MU	Minus	*** PENDENT	CLAIM	=		X42≅		OR	X84=	
						<u> </u>	1	+140=	·	OR	+280=	
	C						A	TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE	
	0)	(Column 1)		(Colui		(Column 3)						,.~
AMENDMENTED		REMAINING AFTER AMENDMENT		NUM PREVIO PAID	BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDM	Total	* 22	Minus	** 3	5	=		X\$ 9=		OR	X\$18=	
AME	Independent	* 4	Minus	.***	3	=		X42=		OR	X84=	84
CVA	19 Money	NTATION OF MI	-		CLAIM			+140=		OR	+280=	,
**	If the "Highest Nu If the "Highest Nu	mn 1 is less than the mber Previously Pa mber Previously Pa	ie entry in colu aid For" IN THI aid For" IN THI	imn 2, write S SPACE i IS SPACE	is less tha is less tha	.n 20, enter "20." ın 3, enter "3."	, ,	TOTAL DDIT. FEE			TOTAL ADDIT. FEE	84
	The "Highest Num	ber Previously Pai	d For" (Total or	r Independ	ent) is the	highest numbe	er four	nd in the app	ropriate box	c in col	lumn 1.	

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001 CLAIMS AS FILED - PART I **SMALL ENTITY** OTHER THAN (Column 1) TYPE ___ (Column 2) OR SMALL ENTITY **TOTAL CLAIMS** RATE FEE RATE FEE OR BASIC FEE FOR **BASIC FEE** NUMBER FILED NUMBER EXTRA 370.00 740.00 TOTAL CHARGEABLE CLAIMS โ - เกโกนร์ 20= X\$ 9= X\$18= OR INDEPENDENT CLAIMS - minus 3 = X42= X84= OR MULTIPLE DEPENDENT CLAIM PRESENT +140= +280= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II **OTHER THAN** SMALL ENTITY **SMALL ENTITY** OR (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE RATE TIONAL AMENDMENT **AFTER PREVIOUSLY EXTRA FEE** FEE AMENDMENT PAID FOR Total Minus X\$18= X\$ 9= OR Independent Minus X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 2) (Column 1) -(Column 3) -HIGHEST CLAIMS ADDI-ADDI-0 REMAINING NUMBER **PRESENT** TIONAL **AMENDMENT** RATE RATE TIONAL PREVIOUSLY. **AFTER EXTRA** AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18=OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING **NUMBER** PRESENT TIONAL TIONAL AMENDMENT RATE **PREVIOUSLY** RATE AFTER **EXTRA AMENDMENT** PAID FOR FEE FEE Total Minus ** X\$18= X\$ 9= OR Independent Minus X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR * If the entry in column 1 is less than the entry in column 2, writ "0" in column 3. TOTAL TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." OR ADDIT. FEE ADDIT. FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

(Column 2) (Column 1) CLAIMS HIGHEST REMAINING NUMBER PRESENT AFTER PREVIOUSLY EXTRA AMENDMÉNT PAID FOR Total Minus Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

Minus

Minus

(Column_1)

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(Column 1)

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 * If the entry in column it is less than the entry in column 2, write 50 in column 3.

** If the "Highest Number Proviously Pald For" IN 1141S SPACE is less than 20, only 120. "MI the "Highest Numbor Proviously Pakt For" IN THIS SPACE is less than 3, enter '3."

The "Highest Number Proviously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.